,	Application No.	Applicant(s)	ļ	
Notice of Allowability	10/766,953	OOMORI, HIROTA	KA	
	Examiner	Art Unit		
	Minh-Loan T. Tran	2826		
v	wiiiin-Loan I. Ifan		1	
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in or other appropriate commeters. This application is	n this application. If not include unication will be mailed in due	ded course. THIS	
1. \boxtimes This communication is responsive to <u>amendment filed on</u>	<u>10/25/2007</u> .			
2. The allowed claim(s) is/are <u>4-11</u> .				
3. Acknowledgment is made of a claim for foreign priority ua) All b) Some* c) None of the:	nder 35 U.S.C. § 119(a)-(d)	or (f).		
 Certified copies of the priority documents have 	e been received.			
2. Certified copies of the priority documents have	e been received in Application	on No		
Copies of the certified copies of the priority do	ocuments have been receive	d in this national stage applic	ation from the	
International Bureau (PCT Rule 17.2(a)).		٠.		
* Certified copies not received:				
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDON! THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		e a reply complying with the re	equirements	
4. A SUBSTITUTE OATH OR DECLARATION must be subminformal PATENT APPLICATION (PTO-152) which give			NOTICE OF	
5. CORRECTED DRAWINGS (as "replacement sheets") mu	st be submitted.		·	
(a) ☐ including changes required by the Notice of Draftsper	son's Patent Drawing Review	w (PTO-948) attached		
1) 🔲 hereto or 2) 🔲 to Paper No./Mail Date	· -•			
(b) ☐ including changes required by the attached Examiner Paper No./Mail Date				
Identifying indicia such as the application number (see 37 CFR each sheet. Replacement sheet(s) should be labeled as such in			e back) of	
6. DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT			Note the	
	•			
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Attachment(s)				
1. Notice of References Cited (PTO-892)	5. Notice of Ir	nformal Patent Application		
2. Notice of Draftperson's Patent Drawing Review (PTO-948)		6. Interview Summary (PTO-413),		
3. Information Disclosure Statements (PTO/SB/08),		Paper No./Mail Date 7. ☐ Examiner's Amendment/Comment		
Paper No./Mail Date 4. Examiner's Comment Regarding Requirement for Deposit	8. 🛭 Examiner's	Statement of Reasons for Al	lowance	
of Biological Material	9. 🗖 Other	- abult	mEm	
		Minh-Loan Tran Primary Examiner Art Unit 2826		

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REASONS FOR ALLOWANCE

1. The following is an examiner's statement of reasons for allowance:

Claims 4-11 are allowable over the references of record because none of these references disclose or can be combined to yield the claimed invention such as a thermoelectric transducer is interposed between the first plate and the second plate and is in contact with the first plate and the first region of the second plate; a light emitting device supported by the first plate; a light receiving device mounted on the second region of the second plate; wherein an optical axis connecting the light emitting device with the light receiving device is substantially perpendicular to the first plate.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Minh-Loan T. Tran whose telephone number is (571) 272-1922. The examiner can normally be reached on Monday-Friday 9:00 AM-5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Sue A. Purvis can be reached on (571) 272-1236. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Application/Control Number:

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Mlt 11/2007 Minh-Loan T. Tran Primary Examiner Art Unit 2826